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1970

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Recommended Citation

Plumart, Phillip E., "Flock Record Summary" (1970). *South Dakota Poultry Field Day Proceedings and Research Reports, 1970*. Paper 12.
http://openprairie.sdstate.edu/sd_poultry_1970/12

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FLOCK RECORD SUMMARY

Phillip E. Plumart¹

A computerized flock record keeping system has been developed at State University to assist poultry producers to study their operation from a business standpoint. From records submitted monthly from about 55 flocks, a report is computed and published monthly presenting for each flock the type of data as shown in Table 1. The records of those flocks completing their laying cycle during the calendar years of 1968, 1969 and through July of 1970 are summarized in this Table.

During this 2½ year period, it may be noted that the average laying cycle increased from 12.96 to 14.01 months, the hens housed increased from 5,869 to 7,042 and the percent depletion increased from 1.03 to 1.21. The percent hen day and hen housed production dropped slightly, from 65.1 to 63.6 and from 60.6 to 58.2, respectively, whereas the eggs per hen on a hen day and hen housed basis rose from 258.9 to 273.5 and from 241.6 to 250.4, respectively.

The percentage of eggs sold as Grade A large dropped slightly from 68.80 to 65.24, whereas the total eggs sold as Grade A remained stable at about 87%. Due to a great change in egg prices, the average income per dozen eggs sold rose from 25.49 cents for those closing in 1968 to 34.72 cents for those flocks closing in 1970, whereas the feed cost per dozen slightly fluctuated around 14.1 cents. Therefore, the average income per hen housed over feed cost rose from \$2.17 for those closing in 1968 to \$4.16 for those closing in 1970. The average gross income similarly rose from \$29,617 per flock closing in 1968 to \$50,041 for those closing in 1970.

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TABLE 1. SOUTH DAKOTA LAYING FLOCK RECORD PROGRAM SUMMARY,
AVERAGES FOR FLOCKS CLOSED DURING 1968, 1969, 1970.

DAYS FROM 20 WKS.	NO. OF HENS HOUSED (HH)	PCT. DEPL.	PCT. HEN DAY PROD. (HD)	EGGS PER HEN (HD)	PCT. HH PROD.	EGGS PER HEN (HH)	LBS. FEED PER DOZ.
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25 Flocks During 1968

394	5,869	13.4	65.1	258.9	60.6	241.6	4.41
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40 Flocks During 1969

415	5,990	15.3	64.4	268.2	59.4	247.6	4.43
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25 Flocks Thru July 1970

426	7,042	16.9	63.6	273.5	58.2	250.4	4.39
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PCT. A LG.	PCT. A MED.	PCT. A SM.	PCT. TOTAL GRADE A	AVG. INCOME PER DZ. SOLD (CENTS)	FEED COST PER DOZEN (CENTS)	INCOME PER HH OVER FEED COST(\$)	FEED COST PER TON (\$)	GROSS INCOME FOR PERIOD (\$)
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25 Flocks During 1968

68.80	15.79	2.46	87.05	25.49	14.23	2.17	64.58	29,617
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40 Flocks During 1969

65.35	18.06	3.07	86.48	30.91	14.14	3.33	63.78	37,493
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25 Flocks Thru July 1970

65.24	18.57	3.17	86.99	34.72	14.07	4.16	64.05	50,041
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